| 10  | ~   |   |            | Docket Number (Optional)<br>7604/51/1 |                            | Application Number 10/764,137               |                    |                             |                 |  |  |  |
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| <del></del>                                     |   |   |            |                                       |                            |   |                    |                             | 124             |  |  |  |
| U.S. PATENT DOCUMENTS  *EXAMALL**  FILING DATE  |   |   |            |                                       |                            |   |                    |                             |                 |  |  |  |
| INITIAL   | REF   | DOCUMENT NUMBER   | DATE       |                                       | NAME                       | CLASS                                       | SUBCLASS           | FILING DATE  IF APPROPRIATE |                 |  |  |  |
| /J.P./  | 1   | 6,510,350   | 01/21/2003 | Steen, I                              | Steen, III, et al. 700 9   |   | 04/07/2000         |                             |                 |  |  |  |
| /J.P./  | 2   | 6,499,054   | 12/24/2002 | Hesselir                              | ık, et al.                 | 709   | 204                | 12/02/1999                  |                 |  |  |  |
| /J.P./  | 3   | 6,261,103   | 07/17/2001 | Stephens, et al.                      |                            | 434   | 276                | 04/15/1999                  |                 |  |  |  |
| /J.P./  | 4   | 6,073,174   | 06/06/2000 | Montgo                                | Montgomerie, et al. 709    |   | 224                | 03/21/1997                  |                 |  |  |  |
| /J.P./  | 5   | 5,805,442   | 09/08/1998 | Crater,                               | et al.                     | 364   | 138                | 05/30/1996                  |                 |  |  |  |
| U.S. PATENT APPLICATION PUBLICATIONS            |   |   |            |                                       |                            |   |                    |                             |                 |  |  |  |
| *EXAMINER<br>INITIAL                            | DEF DOCUMENT NUMBER DATE  |   | DATE       | NAME                                  |                            | CLASS                                       | SUBCLASS           |                             | DATE<br>OPRIATE |  |  |  |
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|   |   |   | •          |                                       |                            |   |                    |                             |                 |  |  |  |
|   | 1   |   |            | OCUMEN'                               |                            |   | Pertinent Pages, E | -                           |                 |  |  |  |
| /J.P.   | Esche, et al., "An Open Approach to Undergraduate Laboratories," Enabling Engineering & Technology Education Through Information Technology, Proceedings of the Fall Regional Conference of the Middle Atlantic Section of ASEE, Hoboken, New Jersey, November 3-4, 2000. |   |            |                                       |                            |   |                    |                             |                 |  |  |  |
| /J.P.   |   | Esche, et al., "Remotely Accessible Laoratory Approach for Undergraduate Education," Engineering Education Beyond the Millennium, Proceedings of the 2000 ASEE Annual Conference and Exposition, St. Louis, Missouri, June 18-21, 2000. |            |                                       |                            |   |                    |                             |                 |  |  |  |
| EXAMINER /Jeong Park/                           |   |   |            |                                       | DATE CONSIDERED 12/13/2007 |   |                    |                             |                 |  |  |  |
|   | EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.                           |   |            |                                       |                            |   |                    |                             |                 |  |  |  |

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## Docket Number (Optional) Application Number 7604/51/1 10/764,137 INFORMATION DISCLOSURE CITATION Applicant(s) Chassapis, et al. (Use several sheets if necessary) Filing Date Group Art Unit ·2155- 2154 01/23/04 **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE REF DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE /J.P./ 11/22/1994 436 48 07/30/1991 5,366,896 Margrey, et al. /J.P./ Swarztrauber, et al. 4,783,748 11/08/1998 364 483 03/04/1987 11/29/1983 340 310 06/08/1981 /J.P./ 4,418,333 Schwarzbach, et al. U.S. PATENT APPLICATION PUBLICATIONS EXAMINER FILING DATE CLASS SUBCLASS REF DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE FOREIGN PATENT DOCUMENTS Translation REF DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Esche, et al., "An Internet-Based Remote-Access Approach to Undergraduate Laboratory Education," Engineering Education Without Boundaries, Proceedings of the Fall Regional Conference of the Middle Atlantic Section of ASEE, Washington, DC, November 6-7, 1998. /J.P./ 11 Esche, et al., "Expanding the Undergraduate Laboratory Experience Using Web Technology," American Society for Engineering Education, 2001 Annual Conference and Exposition, June 24-27, 2001. /J.P./ 12 /Jeong Park/ DATE CONSIDERED **EXAMINER** 12/13/2007 EXAMINER: Initial If citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and

Form PTO-A820 (also form PTO-1449)

not considered. Include copy of this form with next communication to applicant.

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| 4,12                 | O LUI     | (Use several sheets if necessary)  | Chassapis, et al.                    |  |  |  |  |  |  |
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| *EXAMINER<br>INITIAL |           | OTHER DOCUMENTS (Including Author, Titl  | e, Date, Pertinent Pages, Etc.)      |  |  |  |  |  |  |
|                      | 1         | Esche, et al., "Remote Experimentation - One Building Block in Online Engineering Education," ASEE/SEFI International Conference on Global Changes in Engineering Education, Berlin, Germany, September 15-18, 2001. |                                      |  |  |  |  |  |  |
| /J.P./               | 13        | Conference on Global Changes in Dagineering Dan  | tation, Bernu, Germany, september    |  |  |  |  |  |  |
|                      | 14        | Esche, et al., "An Architecture for Multi-User Rem<br>Education, Vol. 2, No. 1.  | ote Laboratories," World Transac     | tions on Engineering andTechnology         |  |  |  |  |  |
|                      | 17        | Esche, "On the Integration of Remote Experimentation into Undergraduate Laboratories - Technical Implementation," Manuscript submitted on May 21, 2003, International Journal of Instructional Media.                |                                      |  |  |  |  |  |  |
|                      | 15        |  |                                      |  |  |  |  |  |  |
|                      | 16        | Esche, "On the Integration of Remote Experimentation into Undergraduate Laboratories - Pedagogical Approach," Manuscript submitted on May 21, 2003, International Journal of Instructional Media.                    |                                      |  |  |  |  |  |  |
|                      |           | Esche, "Remote Experimentation - An Indispensable American Society for Engineering Education Annual  | le Building Block of e-Learning En   | vironments," Proceedings of the 2002       |  |  |  |  |  |
|                      | 17        |  |                                      |  |  |  |  |  |  |
|                      |           | Hronmin, et al., "A Universal Platform for Remote Foundation by JDS Technologies on 6/15/01.   | Sensing and Controlling," SBIR p     | roposal submitted to National Science      |  |  |  |  |  |
| $\cdot$              | 18        |  |                                      |  |  |  |  |  |  |
| /J.P./               | 19        | Hronmin, et al., "A Universal Platform for Remote Sensing and Controlling," National Science Foundation SBIR Phase I Final Report, Activities and Findings.  |                                      |  |  |  |  |  |  |
|                      |           |  |                                      |  |  |  |  |  |  |
|                      | ļ         |  |                                      |  |  |  |  |  |  |
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